INTERNATIONAL SEARCH REPORT

International Application No PCT/JP2004/018085

A. CLASSIFICATION OF SUBJECT MATTER H01M4/52 H01M H01M4/58 H01M10/36 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) H01M Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, CHEM ABS Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages 1, 2, 4-6PATENT ABSTRACTS OF JAPAN X vol. 1997, no. 06 30 June 1997 (1997-06-30) & JP 09 050810 A (MITSUI TOATSU CHEM INC), 18 February 1997 (1997-02-18) abstract Υ US 2002/076613 A1 (LEE JAI YOUNG ET AL) 1,2,4-6X 20 June 2002 (2002-06-20) paragraphs '0019! - '0027!, '0031!, '0032! claims 1,2,7,11 1,2,4-6EP 0 536 425 A (SONY CORPORATION) 14 April 1993 (1993-04-14) page 5, line 8 - page 6, line 18 page 9, lines 5-13 page 9, lines 34-36 Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docudocument referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means in the art. document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 16/01/2006 15 December 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2

Fax: (+31-70) 340-3016

NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,

Crottaz, 0

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